

A TROLLEY MEMBER OF GARAGE DOOR OPENER SYSTEM

Abstract

A trolley member for a garage door opener, comprises
5 a trolley body (2), a connecting rod (7), a gear shaft
(3) disposed on the trolley body (2), a rack (5)
disposed on the trolley body (2), a gear (9) disposed
on the gear shaft (3). The teeth of the gear (9) is
engaged with the teeth of the rack (5). The rack (5) is
10 connected to a spring device. The rack (5) has two
working status. A first working status is that the rack
(5) is inserted into a slot (10) of a chain link (8)
and the spring member urges the rack (5) to the first
working status, and a second working status is that the
15 rack (5) is detached from the slot (10). The rack (5)
is always urged to the first working status by the
spring device, thereby the motor can reliably drives
the chain and then the trolley member moving, and the
chain can not be idling.